

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY
(includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER

381NT/49741

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ELECTROMAGNETIC FUEL INJECTOR

the specification of which (check only one item below):

[] is attached hereto.

[] was filed as United States application
Serial No. _____
on _____
and was amended
on _____ (if applicable).

[X] was filed as PCT international application
Number PCT/JP00/00374
on 26 January 2000
and was amended under PCT Article 19
on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations. §1.56(a).

I hereby claim foreign priority benefits under Title 35, United State Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

COUNTRY (if PCT indicate PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
			[] Yes [] No
			[] Yes [] No
			[] Yes [] No
			[] Yes [] No
			[] Yes [] No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120

U.S. APPLICATIONS		STATUS (Check one)		
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
PCT APPLICATIONS DESIGNATING THE U.S.				
PCT APPLICATION NO	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (IF ANY)		

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Herbert I. Cantor, Reg. No. 24,392; James F. McKeown, Reg. No. 25,406; Donald D. Evenson, Reg. No. 26,160; Joseph D. Evans, Reg. No. 26,269; Gary R. Edwards, Reg. No. 31,824; and Jeffrey D. Sanok, Reg. No. 32,169

Send Correspondence to:			
Evenson, McKeown, Edwards & Lenahan, P.L.L.C. 1200 G Street, N.W., Suite 700 Washington, D.C. 20005			Direct Telephone Calls to: <i>(name and telephone number)</i> (202) 628-8800
201	FULL NAME OF INVENTOR OGURA	FAMILY NAME Kiyotaka	FIRST GIVEN NAME Kiyotaka
	RESIDENCE & CITIZENSHIP	CITY Tokyo	STATE OR FOREIGN COUNTRY Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS c/o Hitachi, Ltd. New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku	CITY Tokyo
202	FULL NAME OF INVENTOR SEKINE	FAMILY NAME Atsushi	FIRST GIVEN NAME Atsushi
	RESIDENCE & CITIZENSHIP	CITY Ibaraki	STATE OR FOREIGN COUNTRY Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS c/o Hitachi Car Engineering Co, Ltd. 2477, Takaba, Hitachinaka-shi	CITY Ibaraki
203	FULL NAME OF INVENTOR KUBOTA	FAMILY NAME Eiichi	FIRST GIVEN NAME Eiichi
	RESIDENCE & CITIZENSHIP	CITY Tokyo	STATE OR FOREIGN COUNTRY Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS c/o Hitachi, Ltd. New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku	CITY Tokyo

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
DATE	Date	DATE

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120

U.S. APPLICATIONS		STATUS (Check one)		
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
PCT APPLICATIONS DESIGNATING THE U.S.				
PCT APPLICATION NO	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (IF ANY)		

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Herbert I. Cantor, Reg. No. 24,392; James F. McKeown, Reg. No. 25,406; Donald D. Evenson, Reg. No. 26,160; Joseph D. Evans, Reg. No. 26,269; Gary R. Edwards, Reg. No. 31,824; and Jeffrey D. Sanok, Reg. No. 32,169

Send Correspondence to: Evenson, McKeown, Edwards & Lenahan, P.L.L.C. 1200 G Street, N.W., Suite 700 Washington, D.C. 20005				Direct Telephone Calls to: (name and telephone number) (202) 628-8800
204	FULL NAME OF INVENTOR	FAMILY NAME NAKANO	FIRST GIVEN NAME Masahumi	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Tokyo	STATE OR FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS c/o Hitachi, Ltd. New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku	CITY Tokyo	STATE & ZIP CODE/COUNTRY 100-8220, Japan
205	FULL NAME OF INVENTOR	FAMILY NAME URAKI	FIRST GIVEN NAME Keiichi	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Tokyo	STATE OR FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS c/o Hitachi, Ltd. New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku	CITY Tokyo	STATE & ZIP CODE/COUNTRY 100-8220, Japan
206	FULL NAME OF INVENTOR	FAMILY NAME MAEKAWA	FIRST GIVEN NAME Noriyuki	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Tokyo	STATE OR FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS c/o Hitachi, Ltd. New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku	CITY Tokyo	STATE & ZIP CODE/COUNTRY 100-8220, Japan

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	Date	DATE

Combined Declaration For Patent Application and Power of Attorney (Continued) (includes Reference to PCT international applications)			ATTORNEY'S DOCKET NUMBER 381NT/49741
<p>I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:</p>			
PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120			
U.S. APPLICATIONS U.S. APPLICATION NUMBER		U.S. FILING DATE	STATUS (Check one) <input type="checkbox"/> PATENTED <input type="checkbox"/> PENDING <input type="checkbox"/> ABANDONED
PCT APPLICATIONS DESIGNATING THE U.S.			
PCT APPLICATION NO		PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (IF ANY)
POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)			
Herbert I. Cantor, Reg. No. 24,392; James F. McKeown, Reg. No. 25,406; Donald D. Evenson, Reg. No. 26,160; Joseph D. Evans, Reg. No. 26,269; Gary R. Edwards, Reg. No. 31,824; and Jeffrey D. Sanok, Reg. No. 32,169			
Send Correspondence to: Evenson, McKeown, Edwards & Lenahan, P.L.L.C. 1200 G Street, N.W., Suite 700 Washington, D.C. 20005			Direct Telephone Calls to: <i>(name and telephone number)</i> (202) 628-8800
207	FULL NAME OF INVENTOR	FAMILY NAME YOKOYAMA	FIRST GIVEN NAME Mizuho
	RESIDENCE & CITIZENSHIP	CITY Tokyo	STATE OR FOREIGN COUNTRY Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS c/o Hitachi, Ltd. New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku	CITY Tokyo
208	FULL NAME OF INVENTOR	FAMILY NAME TANABE	FIRST GIVEN NAME Yoshiyuki
	RESIDENCE & CITIZENSHIP	CITY Tokyo	STATE OR FOREIGN COUNTRY Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS c/o Hitachi, Ltd. New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku	CITY Tokyo
209	FULL NAME OF INVENTOR	FAMILY NAME KUBO	FIRST GIVEN NAME Hiromasa
	RESIDENCE & CITIZENSHIP	CITY Tokyo	STATE OR FOREIGN COUNTRY Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS c/o Hitachi, Ltd. New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku	CITY Tokyo
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true: and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.			
SIGNATURE OF INVENTOR 207		SIGNATURE OF INVENTOR 208	
DATE		Date	

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120

U.S. APPLICATIONS		STATUS (<i>Check one</i>)		
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
PCT APPLICATIONS DESIGNATING THE U.S.				
PCT APPLICATION NO	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (IF ANY)		

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Herbert I. Cantor, Reg. No. 24,392; James F. McKeown, Reg. No. 25,406; Donald D. Evenson, Reg. No. 26,160; Joseph D. Evans, Reg. No. 26,269; Gary R. Edwards, Reg. No. 31,824; and Jeffrey D. Sanok, Reg. No. 32,169

Send Correspondence to: Evenson, McKeown, Edwards & Lenahan, P.L.L.C. 1200 G Street, N.W., Suite 700 Washington, D.C. 20005				Direct Telephone Calls to: (name and telephone number) (202) 628-8800
210	FULL NAME OF INVENTOR	FAMILY NAME ISHIKAWA	FIRST GIVEN NAME Tooru	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY Tokyo	STATE OR FOREIGN COUNTRY Japan	COUNTRY OF CITIZENSHIP Japan
	POST OFFICE ADDRESS	POST OFFICE ADDRESS c/o Hitachi, Ltd. New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku	CITY Tokyo	STATE & ZIP CODE/COUNTRY 100-8220, Japan
211	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY
212	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 210	SIGNATURE OF INVENTOR 211	SIGNATURE OF INVENTOR 212
DATE	Date	DATE

26 FEB 2001

PTO/SB/106(8-96)

Approved for use through 9/30/98. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Declaration and Power of Attorney For Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言書

下記の氏名の発明者として、私は以下の通り宣言します。

As a below named inventor, I hereby declare that:

私の住所、私書箱、国籍は下記の私の氏名の後に記載された通りです。

My residence, post office address and citizenship are as stated next to my name.

下記の名称の発明に関して請求範囲に記載され、特許出願している発明内容について、私が最初かつ唯一の発明者（下記の氏名が一つの場合）もしくは最初かつ共同発明者であると（下記の名称が複数の場合）信じています。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Electromagnetic Fuel Injector

上記発明の明細書（下記の欄で×印がついていない場合は、本書に添付）は、

The specification of which is attached hereto unless the following box is checked:

____月____日に提出され、米国出願番号または特許協定条約国際出願番号を_____とし、
(該当する場合) _____に訂正されました。

was filed on January 26, 2000
as United States Application Number or
PCT International Application Number
PCT/JP00/00374 and was amended on
_____ (if applicable).

私は、特許請求範囲を含む上記訂正後の明細書を検討し、内容を理解していることをここに表明します。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

私は、連邦規則法典第37編第1条56項に定義されるとおり、特許資格の有無について重要な情報を開示する義務があることを認めます。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

Japanese Language Declaration (日本語宣言書)

私は、米国法典第35編119条(a) - (d)項又は365条(b)項に基き下記の、米国以外の国の少なくとも一ヵ国を指定している特許協力条約365(a)項に基く国際出願、又は外国での特許出願もしくは発明者証の出願についての外国優先権をここに主張するとともに、優先権を主張している、本出願の前に出願された特許または発明者証の外国出願を以下に、枠内をマークすることで、示している。

Prior Foreign Application(s)

外国での先行出願

(Number) (番号)	(Country) (国名)
(Number) (番号)	(Country) (国名)

私は、第35編米国法典119条(e)項に基いて下記の米国特許出願規定に記載された権利をここに主張いたします。

(Application No.) (出願番号)	(Filing Date) (出願日)
-----------------------------	------------------------

私は、下記の米国法典第35編120条に基いて下記の米国特許出願に記載された権利、又は米国を指定している特許協力条約365条(c)に基く権利をここに主張します。また、本出願の各請求範囲の内容が米国法典第35編112条第1項又は特許協力条約で規定された方法で先行する米国特許出願に開示されていない限り、その先行米国出願書提出日以降で本出願書の日本国内または特許協力条約国提出日までの期間中に入手された、連邦規則法典第37編1条56項で定義された特許資格の有無に関する重要な情報について開示義務があることを認識しています。

(Application No.) (出願番号)	(Filing Date) (出願日)
(Application No.) (出願番号)	(Filing Date) (出願日)

私は、私自身の知識に基づいて本宣言書中で私が行なう表明が真実であり、かつ私の入手した情報と私の信じるところに基く表明が全て真実であると信じていること、さらに故意になされた虚偽の表明及びそれと同等の行為は米国法典第18編第1001条に基づき、罰金または拘禁、もしくはその両方により処罰されること、そしてそのような故意による虚偽の声明を行なえば、出願した、又は既に許可された特許の有効性が失われることを認識し、よってここに上記のごとく宣誓を致します。

I hereby claim foreign priority under Title 35, United States Code, Section 119 (a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Priority Not Claimed
優先権主張なし

(Day/Month/Year Filed) (出願年月日)	<input type="checkbox"/>
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(Day/Month/Year Filed) (出願年月日)	<input type="checkbox"/>
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I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

(Application No.) (出願番号)	(Filing Date) (出願日)
-----------------------------	------------------------

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of application.

(Status: Patented, Pending, Abandoned) (現況: 特許許可済、係属中、放棄済)

(Status: Patented, Pending, Abandoned) (現況: 特許許可済、係属中、放棄済)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Japanese Language Declaration (日本語宣言書)

委任状： 私は下記の発明者として、本出願に関する一切の手続きを米特許商標局に対して遂行する弁理士または代理人として、下記の者を指名いたします。（弁護士、または代理人の氏名及び登録番号を明記のこと）

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number)

9

Martin Fleit, Reg. No. 16,900; Herbert I. Cantor, Reg. No. 24,392; James F. McKeown, Reg. No. 25,406; Donald D. Evenson, Reg. No. 26,160; Joseph D. Evans, Reg. No. 26,269; Gary R. Edwards, Reg. No. 31,824; Jeffrey D. Sanok, Reg. No. 32,169; Richard R. Diefendorf, Reg. No. 32,390; and Paul A. Schnose, Reg. No. 39,361

書類送付先

Send Correspondence to:

Evenson, McKeown, Edwards & Lenehan P.L.L.C. Suite 700
1200 G St., N.W., Washington, D.C. 20005

直接電話連絡先： (氏名及び電話番号)

Direct Telephone Calls to: (*name and telephone number*)

Telephone: (202)628-8800

Fax: (202)628-8844

唯一または第一発明者	Full name of sole or first inventor Kiyotaka OGURA	
発明者の署名	日付	Inventor's signature <i>Kiyotaka Ogura</i> Date <i>02/15/2001</i>
住所	Residence Hitachinaka, Japan	
国籍	Citizenship Japan	
私書箱	Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan	

(第二以降の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for second and subsequent joint inventors.)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

第二共同発明者		Full name of second joint inventor, if any <u>Atsushi SEKINE</u>	<i>2-W</i>
第二共同発明者の署名	日付	Second inventor's signature <i>Atsushi Sekine</i>	Date <i>02/16/2001</i>
住所		Residence <u>Hitachinaka, Japan</u>	<i>JPX</i>
国籍		Citizenship <u>Japan</u>	
私書箱		Post Office Address c/o HITACHI CAR ENGINEERING CO., LTD. 2477, Takaba, Hitachinaka-shi, Ibaraki 312-0062, Japan	
第三共同発明者		Full name of third joint inventor, if any <u>Eiichi KUBOTA</u>	<i>3-W</i>
第三共同発明者の署名	日付	Third inventor's signature <i>Eiichi Kubota</i>	Date <i>02/09/2001</i>
住所		Residence <u>Niihari-gun, Japan</u>	<i>JPX</i>
国籍		Citizenship <u>Japan</u>	
私書箱		Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan	
第四共同発明者		Full name of fourth joint inventor, if any <u>Masafumi NAKANO</u>	<i>4-W</i>
第四共同発明者の署名	日付	Fourth inventor's signature <i>Masafumi Nakano</i>	Date <i>02/09/2001</i>
住所		Residence <u>Hitachi, Japan</u>	<i>JPX</i>
国籍		Citizenship <u>Japan</u>	
私書箱		Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan	
第五共同発明者		Full name of fifth joint inventor, if any <u>Keiichi URAKI</u>	<i>5-W</i>
第五共同発明者の署名	日付	Fifth inventor's signature <i>Keiichi Uraki</i>	Date <i>02/09/2001</i>
住所		Residence <u>Hitachinaka, Japan</u>	<i>JPX</i>
国籍		Citizenship <u>Japan</u>	
私書箱		Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan	

(第六以降の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for sixth and subsequent joint inventors.)

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第六共同発明者		Full name of sixth joint inventor, if any <u>Noriyuki MAEKAWA</u>
第六共同発明者の署名	日付	Sixth inventor's signature Date <u>Noriyuki Maekawa</u> 02/15/2001 (6W)
住所	Residence Niihari-gun, Japan	
国籍	Citizenship Japan SPY	
私書箱	Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan	
第七共同発明者		Full name of seventh joint inventor, if any <u>Mizuho YOKOYAMA</u>
第七共同発明者の署名	日付	Seventh inventor's signature Date <u>Mizuho Yokoyama</u> 02/09/2001 (7C)
住所	Residence Hitachinaka, Japan SPY	
国籍	Citizenship Japan	
私書箱	Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan	
第八共同発明者		Full name of eighth joint inventor, if any <u>Yoshiyuki TANABE</u>
第八共同発明者の署名	日付	Eighth inventor's signature Date <u>Yoshiyuki Tanabe</u> 02/26/2001 (8T)
住所	Residence Hitachinaka, Japan	
国籍	Citizenship Japan SPY	
私書箱	Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan	
第九共同発明者		Full name of ninth joint inventor, if any <u>Hiromasa KUBO</u>
第九共同発明者の署名	日付	Ninth inventor's signature Date <u>Hiromasa Kubo</u> 02/15/2001 (9K)
住所	Residence Yokohama, Japan	
国籍	Citizenship Japan SPY	
私書箱	Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan	

(第十以降の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for tenth and subsequent joint inventors.)

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第十共同発明者		Full name of tenth joint inventor, if any <u>Tooru ISHIKAWA</u>	
第十共同発明者の署名	日付	Sixth inventor's signature	Date <i>Tooru Ishikawa</i> 02/16/2007
住所		Residence	Kitaibaraki, Japan
国籍		Citizenship	JPY
私書箱		Post Office Address	c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan
第十一共同発明者		Full name of eleventh joint inventor, if any	
第十一共同発明者の署名	日付	Seventh inventor's signature	Date
住所		Residence	
国籍		Citizenship	
私書箱		Post Office Address	
第十二共同発明者		Full name of twelfth joint inventor, if any	
第十二共同発明者の署名	日付	Eighth inventor's signature	Date
住所		Residence	
国籍		Citizenship	
私書箱		Post Office Address	
第十三共同発明者		Full name of thirteenth joint inventor, if any	
第十三共同発明者の署名	日付	Ninth inventor's signature	Date
住所		Residence	
国籍		Citizenship	
私書箱		Post Office Address	

(第十四以降の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for fourteenth and subsequent joint inventors.)